Reference U

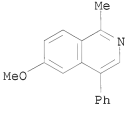
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 11 OF 25 HCAPLUS COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER: 2001:658540 HCAPLUS
DOCUMENT NUMBER: 135:371618
TITLE: Isoquinoline syntheses via Δ2-oxazolines. Part VIII. Cyclization of 2-acetamido-1,2-diphenylethan-1-ol derivatives into isoquinoline systems
AUTHOR(S): Kopczynski, T.; Voelkel, A.
CORPORATE SOURCE: Institute of Chemical Technology and Engineering, Poznan Technical University, Poznan, 60-965, Pol.
SOURCE: Polish Journal of Chemistry (2001), 75(9), 1317-1325
CODEN: PJCHDQ; ISSN: 0137-5083
PUBLISHER: Polish Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 135:371618

AB The results of the conversion of 2-acetamido-1,2-diphenylethan-1-ol derivs. into 1-methyl-4-phenylisoquinoline derivs. were described. The mechanism proposed for these reaction assumes the existence of protonated Δ2-oxazolines, carbonium ions, and unsatd. amides as intermediates. For example, the cyclization of erythro-N-(2-hydroxy-1,2-diphenylethyl)acetamide or threo-N-(2-hydroxy-1,2-diphenylethyl)acetamide gave 1-methyl-4-phenylisoquinoline in 66% yield.

IT 374594-09-9P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of isoquinolines via cyclocondensation of N-(hydroxydiphenylethyl)acetamide derivs.)

RN 374594-09-9 HCAPLUS
CN Isoquinoline, 6-methoxy-1-methyl-4-phenyl- (CA INDEX NAME)



Updated Search